

CLAIMS

1. An improvement in a refrigeration system for cabinets provided with a top cover and with internal peripheral walls (P), made in metallic sheet and
5 around which is seated an evaporating means (1) connected to the outlet of an expanding device (2) which is connected to the outlet of a condenser (3) and to the suction of a compressor (4) of the refrigeration system, characterized in that the
10 evaporating means (1) comprises at least two tube extensions (10), each of them being seated around a respective height portion of the internal peripheral walls (P) and having a refrigerant fluid inlet end maintained in fluid communication with a respective
15 expanding device (2), and a refrigerant fluid outlet end maintained in fluid communication with the compressor (4).
2. The improvement as set forth in claim 1, characterized in that the tube extensions (10) are
20 formed by a tube with a reduced diameter, in order to define a cross-sectional area which is slightly smaller than a portion of the cross-sectional area of the tube required to form the evaporating means with a single continuous tube extension, corresponding to the
25 number of tube extensions (10).